

ASPF2010 Time Schedule, Day 1 and Day 2 (amended)

2010.10.24 (Sun.)

16:00 ~ 18:00 : Registration (Conference Room No.5, 3rd Floor)

18:00 ~ 20:00 : Welcome Reception (Restaurant SUZAKU, 1st Floor)

2010.10.25 (Mon.) Conference Room No.1, 3rd Floor (9:15 ~ : Registration at Conference Room No.5)

9:30	Opening ceremony		
9:45	Keynote-1	Prof. X. Tan	State-of-the-art of Precision Forging in China
	Chair:	Prof. Y. T. Im	Overview of Forging Industry in Korea
	Prof. T. Ishikawa		
10:45	Break		
11:00	Keynote-2	Mr. H. Morishita	Development of Forging Technology in TOYOTA
	Chair: Prof. Y. T. Im	Dr. Y. S. Lee	FE Analysis to Investigate Dimensional Changes During Cold Forging and Heat Treatment of Helical Gear
12:00	General Session-1:	Dr. Y. S. Lee	Microstructure Evolution During Hot Forging of Magnesium Alloys
	Chair: Prof. Y. T. Im		
12:20	Lunch		
14:00	General Session-2:	Dr. D. K. Kim	Cellular Automata Modeling of Primary Recrystallization in Annealing of AA1050
	Chair:	Mr. M. Terano	Estimation of Frictional Coefficient by Ring
	Prof. Y. Yoshida	Mr. K. H. Jung	Compression Test for Metal with Axial-Symmetric Plastic Anisotropy Tip Test of Friction Measurement for Cold Forging
15:00	Break		
15:15	General Session-3:	Mr. T. Ishiguro	Effect of Servo Press Motion on Dimensional Accuracy of Cold Backward Extrusion
	Chair:	Dr. B. X. Liu	The Research on the Reason and Solution of Crack along Die Parting Face about the Double Direction Cold Extrusion Universal Joint Cross
	Prof. R. Matsumoto	Mr. I. Ishibashi	Evaluation of Environmentally Friendly Lubricants for Cold Forging
16:15	Break		
16:30	Poster Session at Conference Room No. 2, 3rd Floor	Dr. X. T. Xiao	Study on Limit Drawing Ratio of Cylinder Part with Prefabricate-Holes
		Mr. J. H. Kong	Deep Drawing of SPCC Cup using Arc Draw Bead
		Prof. Q. Peng	The actuality & development trends of fine blanking technology in China automobile industry
		Prof. C. G. Kang	Development of Direct and Indirect Rheo-Forging Process of Wrought Aluminium Alloys with Controlled Solid Fraction
		Mr. X. F. Ma	Process Research and Parameter Optimization for Cold Extrusion of "Seven-Speed Sleeve"
		Mr. S. C. Lee	FE Analysis for Control of Metal Flow in the Forging of small rotary shaft
		Mr. T. Maeno	Control of Slide Motion in Hot Impression Die Forging of Aluminium Alloy Billets Using Servo Press
		Prof. R. Matsumoto	Die Quenching of Steel Product Using Tungsten Carbide Dies in Hot Forging with a Servo Press
		Prof. Y. Yoshida	Wear Prediction of Hot and Warm Backward Extrusion Tool by Means of FEM
		Prof. K. Hayakawa	Elastic-Plastic Behavior of WC-Co Materials for Forging Tool with Anisotropic Damage
		Prof. T. S. Yang	Prediction of Maximum Forging Load and Final Face Width of Powder Gear Forging
		Dr. Y. S. Lee	Estimation of Flow Stress and Damage Index at Large Plastic Strain from Tensile Test
		Prof. C. C. Yao	Use of Mesh Tempering Furnace in Nonferrous Metal Forging
17:50	Closing remark		
18:30	Banquet (Restaurant SUZAKU, 1st Floor)		

ASPF2010 Time Schedule, Day 3 and Day 4 (amended)

2010.10.26 (Tue.) Conference Room No.1, 3rd Floor (9:15 ~ : Registration at Conference Room No.5)			
9:15	Keynote-3 Chair: Prof. X. Tan	Prof. K. Osakada Prof. R. S. Lee Dr. S. Isogawa	State-of-the-art of Precision Forging in Japan Evaluation System for Clinch Nut Performance in Clinch Joining Current Status and Future Prospect of Controlled Forging
10:45 Break			
11:00	Keynote-4 Chair: Dr. S. Isogawa	Prof. M. Q. Li Mr. M. Yamanaka Mr. T. Imura	FE-Based Simulation of Microstructure in the Precision Forging of Titanium Alloy Effective Use of CAE to Improve Forging Process Design and Tool Life in Precision Cold Forging Process Cold Forging Presses for High-Precision Forgings
12:30 Lunch			
14:00	General Session-4: Chair: Prof. K. Kitamura	Prof. Y. Y. Zong Prof. Q. C. Hsu Prof. K. Hayakawa Mr. D. Liu	Research on the Isothermal Precision Forging Process of Hydrogenated TC4 Titanium Alloy Blade Study on Square Tube Manufacturing for Al7075 Alloy by Forward Extrusion with Porthole Die Net shape forming of thin walled cylindrical can by DC pulse resistance sintering process of titanium powder Simulation of the Combination Extruding and Punching Process for a Thick-Plate with Tubular Bulge
15:20 Closing remark			
2010.10.27 (Wed.)			
8:30 ~ 18:00	Technical Visits	(Morning) Kotani Corporation (Afternoon) Kawasaki Hydomechanics Corporation Fushimi Inari Shrine (伏見稻荷大社) (Cultural Event)	